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Jonathan T. Kaplan  
Attorney at Law  
140 Nassau Street  
New York, NY 10038-1501  
JonathanKaplan@alum.MIT.edu  
Tel. 917-674-5017  
Fax 917-591-2977

Specializing in  
intellectual property

Admitted CA, NY, USPTO

Mar. 22, 2004

Transmittal Letter

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Utility Patent Application  
Application No. 09/590,584 Filed: Jun. 8, 2000  
Title: **Methods For Automatically Pipelining Loops**  
Inventors: Tai A. Ly et al.  
Our Ref: 06816.0010

Sir:

**Applicants herewith authorize in order to treat as timely, for the concurrent or any future reply that requires a petition for an extension of time under 37 CFR 1.136(a), the Commissioner of Patents and Trademarks to process such reply as incorporating a petition for extension of time for the appropriate length of time. A deficiency concerning any fee, for the concurrent or any future reply, should be charged to deposit account number 502584. An overpayment concerning any fee, for the concurrent or any future reply, should be credited to deposit account number 502584.**

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Certificate of Mailing, on this transmittal letter, establishing a filing date of Mar. 22, 2004 for all documents listed hereon;
2. Return postcard;
3. Amendment (58 pages), in response to an Office Actions mailed 02/20/04 and 06/05/03;
4. Twenty-seven replacement drawing sheets for Figures: 1, 2, 3(a)-3(b), 4(a), 4(b), 5, 6, 7, 8, 9, 10, 11, 12, 13(a), 13(b), 14, 15, 16, 17(a), 17(b), 18, 19(a), 19(b), 20, 21, 22, 23, 24, 25, 26, 27 and 28; and



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5. Eight additional drawing sheets for Figures: 29(a)-29(c), 30(a)-30(b), 31, 32(a)-32(c), 33(a)-33(b), 34(a)-34(d), 35(a)-35(b), 36(a)-36(d), 37(a)-37(b), 38, 39(a)-39(b), 40, 41, 42, 43, 44(a)-44(b) and 45.

It is respectfully requested that the attached postage-prepaid postcard be stamped with the date of receipt of these documents and returned via U.S. mail.

*A duplicate copy of this letter is enclosed.*

Respectfully submitted,

Jonathan T. Kaplan  
Registration No. 38,935

Enclosures

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service on Mar. 22, 2004, with sufficient postage as first class mail, in an envelope addressed to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Person signing this certificate:

Jonathan T. Kaplan, Reg. No. 38,935

Signature:



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: <b>Tai A. Ly et al.</b>	Art Unit: <b>2825</b>
Application No. <b>09/590,584</b>	Examiner: <b>A. Thompson</b>
Filed: <b>Jun. 8, 2000</b>	Confirmation No. <b>1223</b>
For: <b>Methods For Automatically Pipelining Loops</b>	Attorney Docket: <b>06816.0010</b>

**Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Madam:

In response to Office Actions mailed on June 5, 2003 and Feb. 20, 2004, applicant submits the present Amendment on March 22, 2004.